Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN123021\
Data File : BN018290.D
Acq On : 30 Dec 2021 11:19
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 31 08:21:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 16:08:47 2021
Response via : Initial Calibration

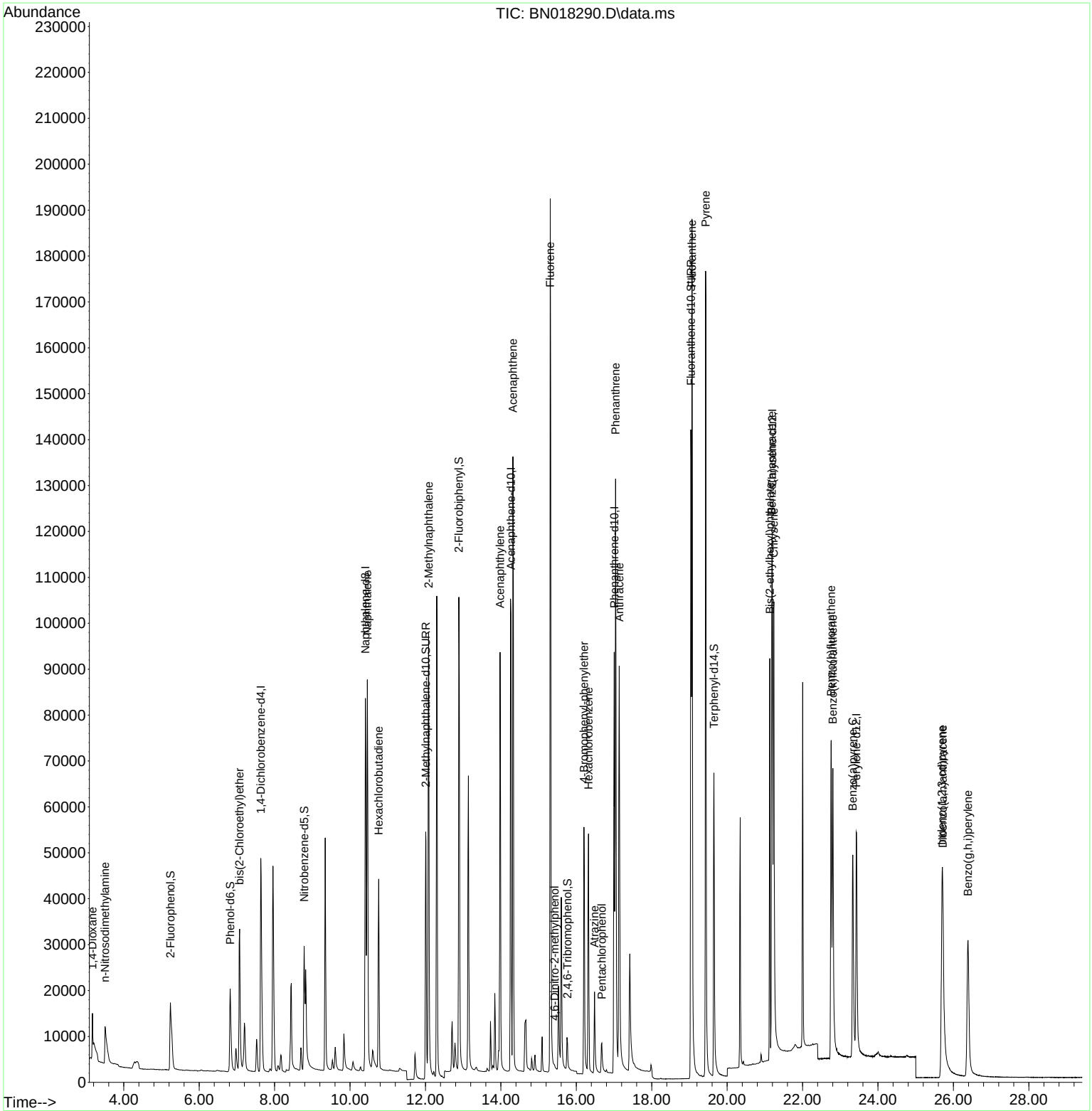
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	31711	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	123254	0.400	ng	#-0.01
13) Acenaphthene-d10	14.269	164	71827	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	141213	0.400	ng	# 0.00
29) Chrysene-d12	21.196	240	86927	0.400	ng	0.00
35) Perylene-d12	23.426	264	76877	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.236	112	25362	0.399	ng	0.00
5) Phenol-d6	6.822	99	21524	0.350	ng	0.00
8) Nitrobenzene-d5	8.784	82	28571	0.449	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	84582	0.408	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	8054	0.514	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	109179	0.402	ng	-0.01
27) Fluoranthene-d10	19.038	212	188838	0.420	ng	0.00
31) Terphenyl-d14	19.649	244	98309	0.445	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.170	88	7168	0.396	ng	# 57
3) n-Nitrosodimethylamine	3.502	42	10945	0.420	ng	# 95
6) bis(2-Chloroethyl)ether	7.071	93	29402	0.390	ng	98
9) Naphthalene	10.457	128	121283	0.398	ng	100
10) Hexachlorobutadiene	10.762	225	36032	0.425	ng	# 100
12) 2-Methylnaphthalene	12.083	142	80178	0.410	ng	99
16) Acenaphthylene	13.977	152	107106	0.424	ng	100
17) Acenaphthene	14.320	154	74263	0.400	ng	99
18) Fluorene	15.309	166	89228	0.408	ng	100
20) 4,6-Dinitro-2-methylph...	15.423	198	544	0.387	ng	# 71
21) 4-Bromophenyl-phenylether	16.202	248	34070	0.397	ng	97
22) Hexachlorobenzene	16.324	284	46024	0.421	ng	99
23) Atrazine	16.482	200	18450	0.394	ng	97
24) Pentachlorophenol	16.677	266	5446	0.561	ng	99
25) Phenanthrene	17.042	178	144093	0.387	ng	100
26) Anthracene	17.139	178	114602	0.376	ng	100
28) Fluoranthene	19.068	202	181997	0.417	ng	100
30) Pyrene	19.430	202	183770	0.539	ng	100
32) Benzo(a)anthracene	21.185	228	87473	0.368	ng	100
33) Chrysene	21.238	228	113196	0.404	ng	98
34) Bis(2-ethylhexyl)phtha...	21.132	149	76013	0.701	ng	100
36) Indeno(1,2,3-cd)pyrene	25.696	276	80878	0.441	ng	99
37) Benzo(b)fluoranthene	22.759	252	94219	0.386	ng	98
38) Benzo(k)fluoranthene	22.803	252	83311	0.360	ng	98
39) Benzo(a)pyrene	23.330	252	84701	0.399	ng	96
40) Dibenzo(a,h)anthracene	25.720	278	58193	0.445	ng	97
41) Benzo(g,h,i)perylene	26.387	276	80960	0.442	ng	99

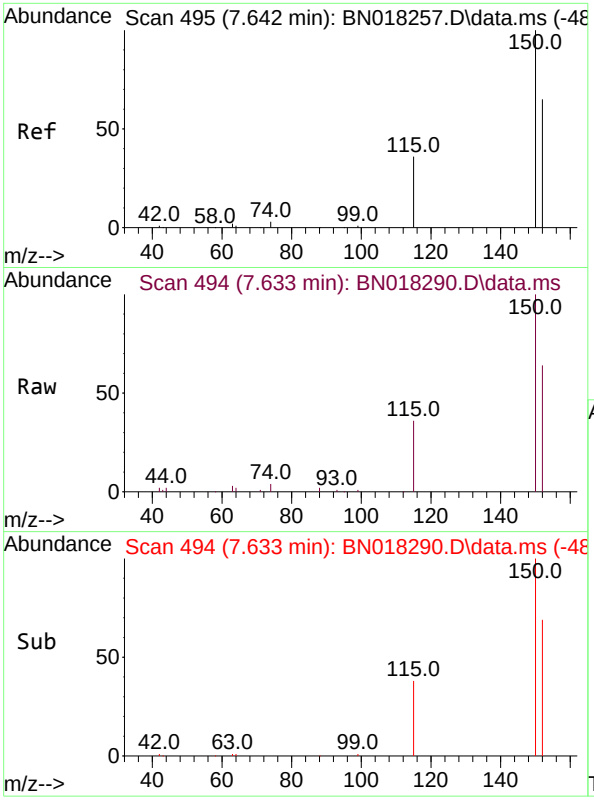
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN123021\
Data File : BN018290.D
Acq On : 30 Dec 2021 11:19
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 31 08:21:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 16:08:47 2021
Response via : Initial Calibration



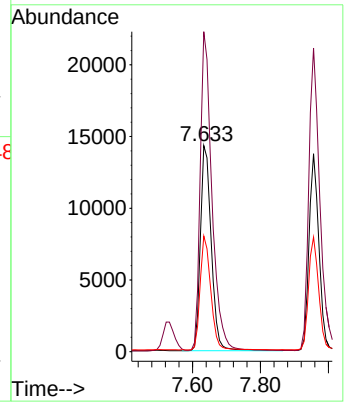


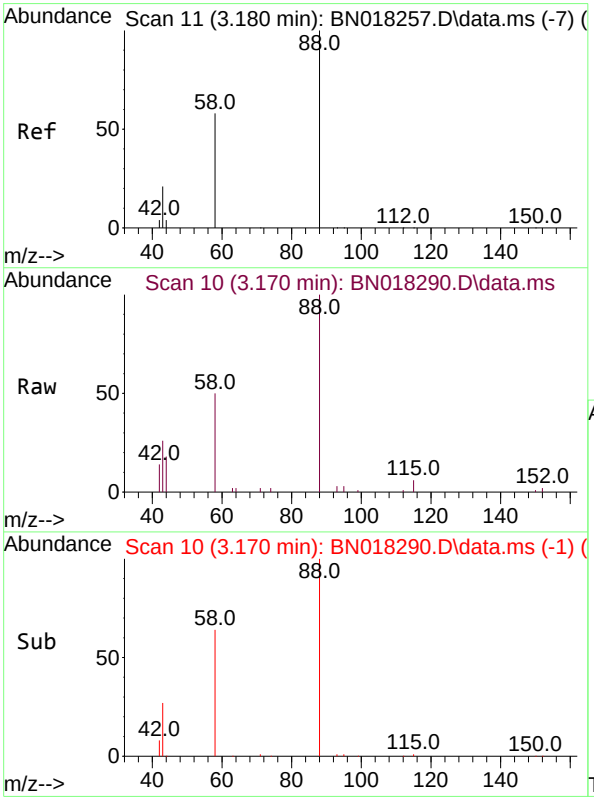
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.633 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 31711

Ion	Ratio	Lower	Upper
152	100		
150	155.3	121.7	182.5
115	56.1	43.8	65.8

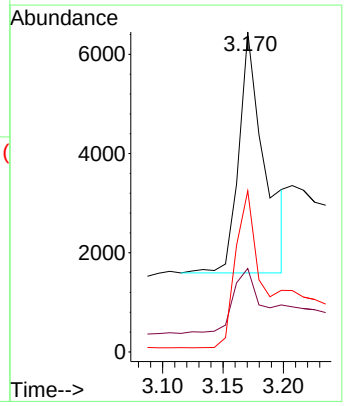


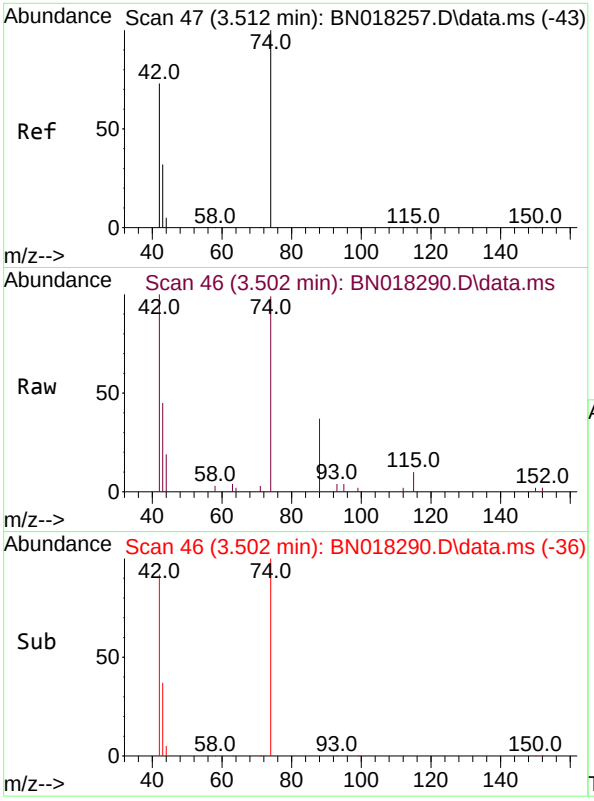


#2
1,4-Dioxane
Concen: 0.396 ng
RT: 3.170 min Scan# 10
Delta R.T. -0.009 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Tgt Ion: 88 Resp: 7168

Ion	Ratio	Lower	Upper
88	100		
43	28.5	69.7	104.5#
58	78.4	83.8	125.8#



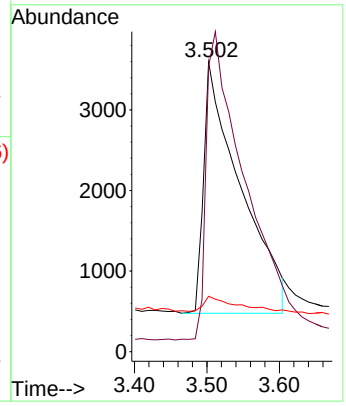


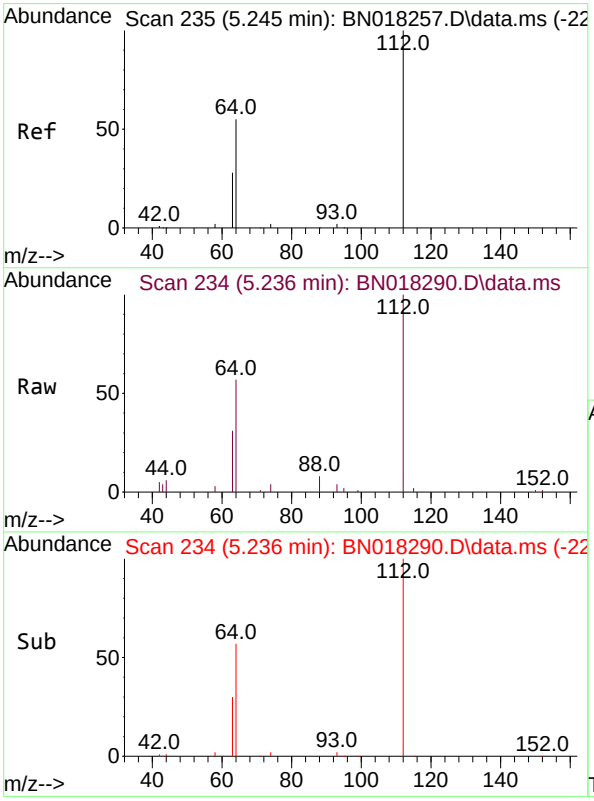
#3
n-Nitrosodimethylamine
Concen: 0.420 ng
RT: 3.502 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 10945

Ion	Ratio	Lower	Upper
42	100		
74	129.5	108.6	163.0
44	4.9	5.8	8.8#

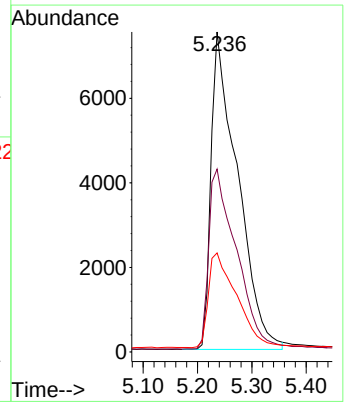


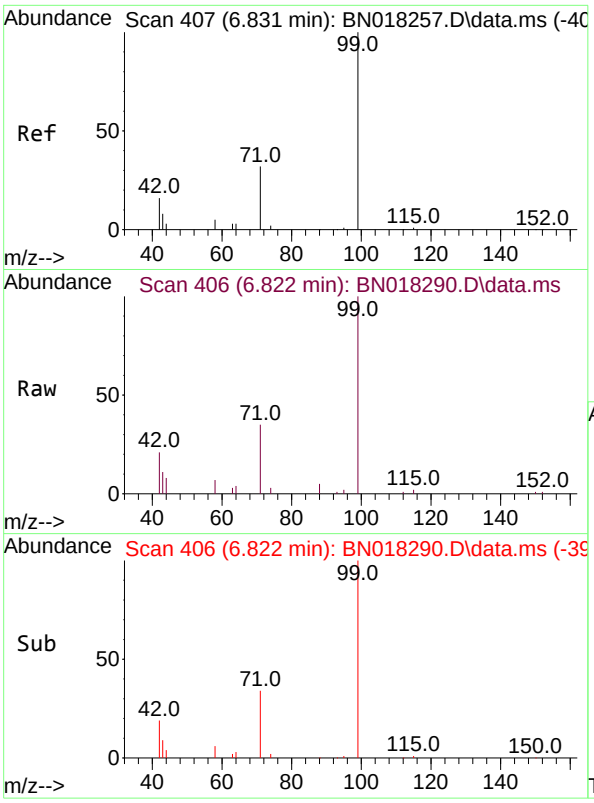


#4
2-Fluorophenol
Concen: 0.399 ng
RT: 5.236 min Scan# 234
Delta R.T. -0.009 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Tgt Ion:112 Resp: 25362

Ion	Ratio	Lower	Upper
112	100		
64	59.2	48.0	72.0
63	31.6	25.3	37.9



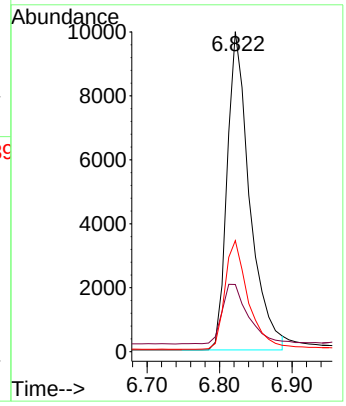


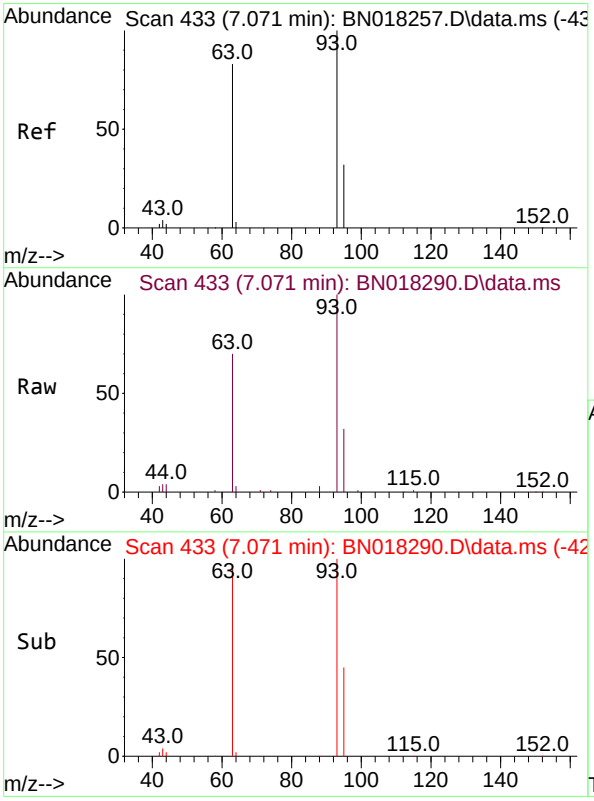
#5
Phenol-d6
Concen: 0.350 ng
RT: 6.822 min Scan# 4(
Delta R.T. -0.009 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 21524

Ion	Ratio	Lower	Upper
99	100		
42	21.6	16.3	24.5
71	35.1	26.8	40.2

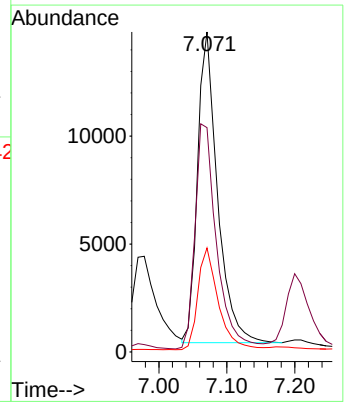


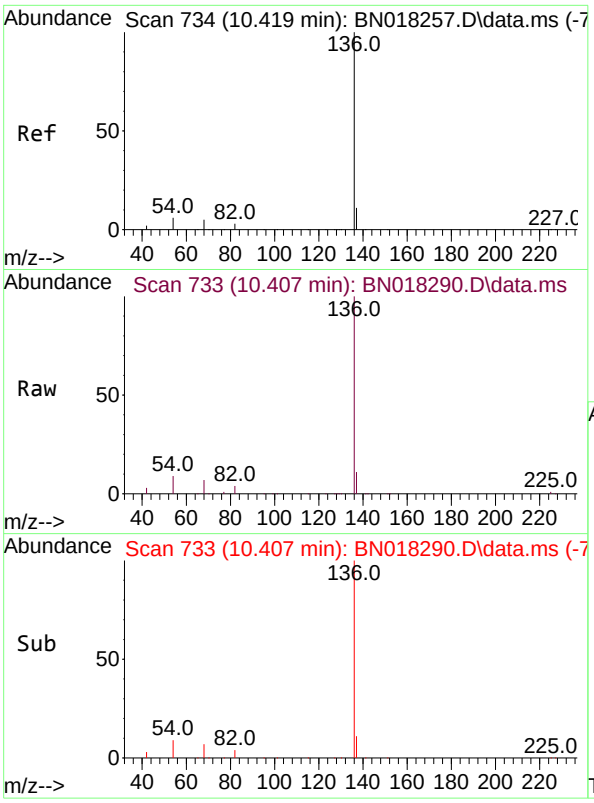


#6
bis(2-Chloroethyl)ether
Concen: 0.390 ng
RT: 7.071 min Scan# 433
Delta R.T. 0.000 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Tgt Ion: 93 Resp: 29402

Ion	Ratio	Lower	Upper
93	100		
63	78.5	61.7	92.5
95	33.6	26.2	39.4



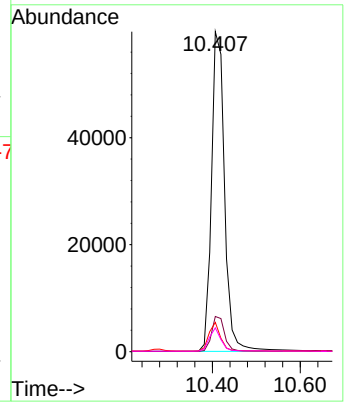


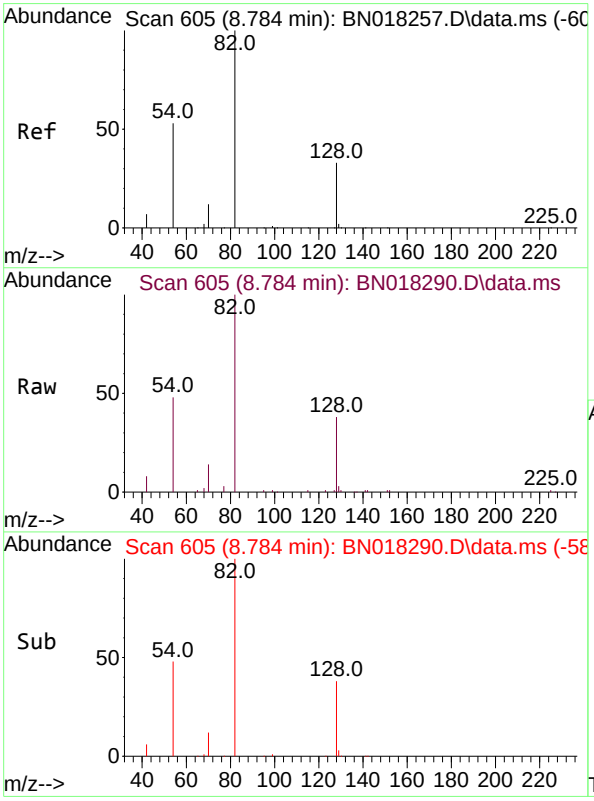
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 7
Delta R.T. -0.012 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 123254

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.1	5.0	7.6#
68	7.5	4.4	6.6#

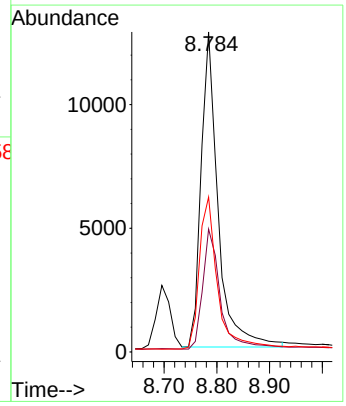


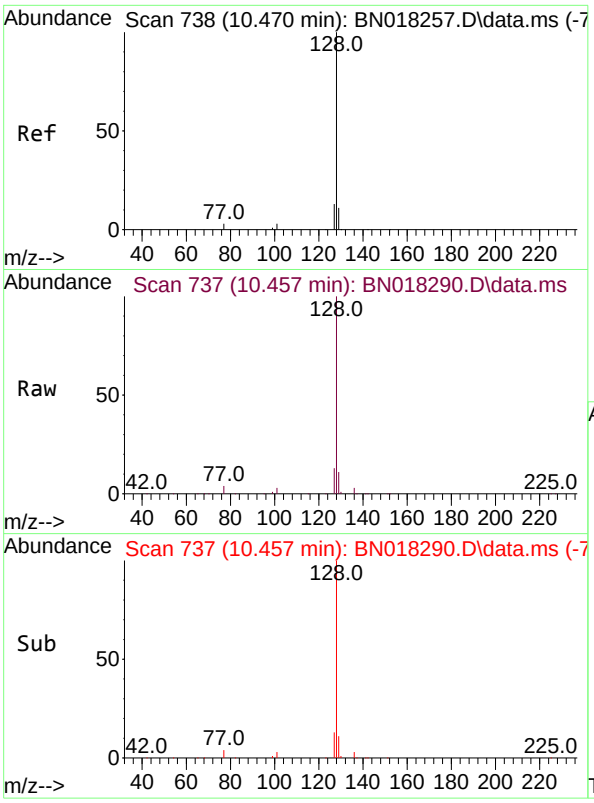


#8
Nitrobenzene-d5
Concen: 0.449 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Tgt Ion: 82 Resp: 28571

Ion	Ratio	Lower	Upper
82	100		
128	38.4	33.7	50.5
54	48.4	36.6	55.0



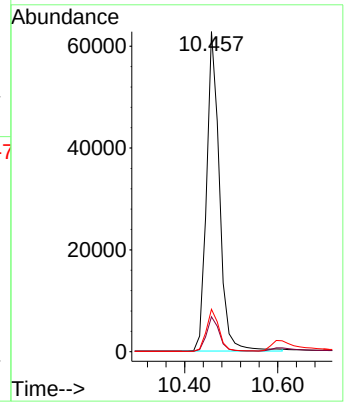


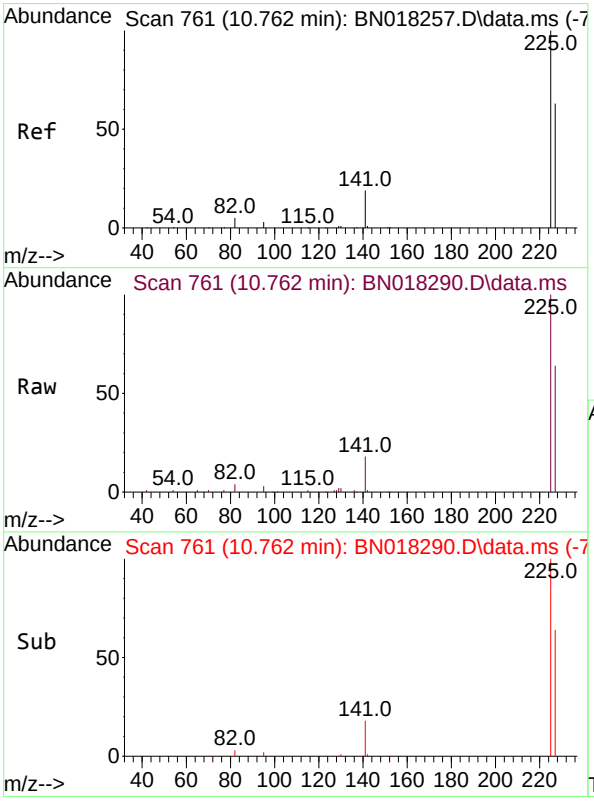
#9
Naphthalene
Concen: 0.398 ng
RT: 10.457 min Scan# 7
Delta R.T. -0.013 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 121283

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.2	10.4	15.6

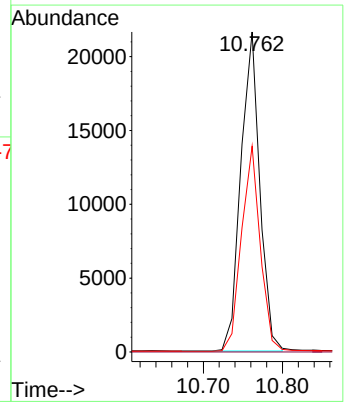


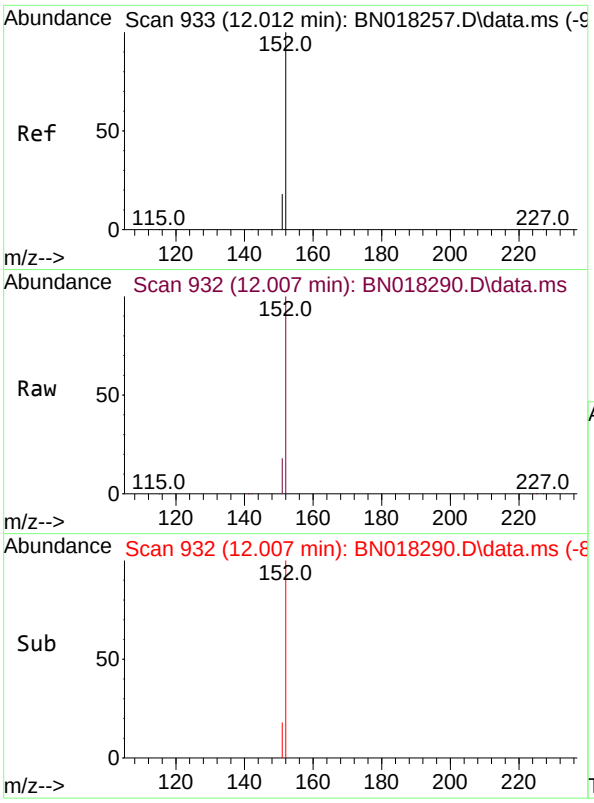


#10
Hexachlorobutadiene
Concen: 0.425 ng
RT: 10.762 min Scan# 761
Delta R.T. 0.000 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Tgt Ion:225 Resp: 36032

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	51.0	76.6



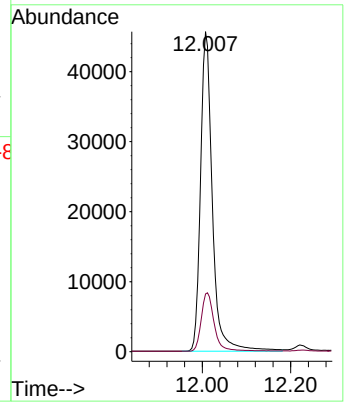


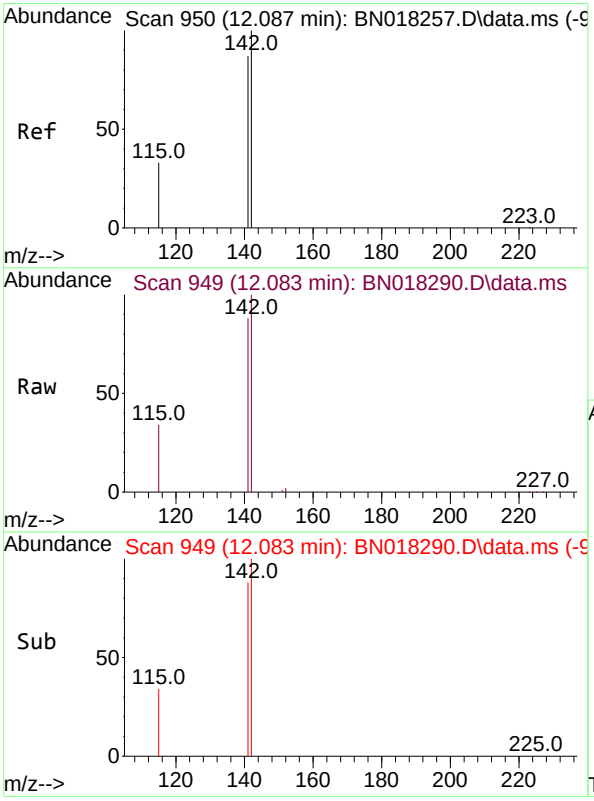
#11
2-Methylnaphthalene-d10
Concen: 0.408 ng
RT: 12.007 min Scan# 9
Delta R.T. -0.004 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 84582

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2

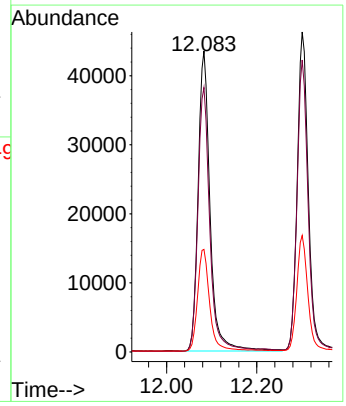


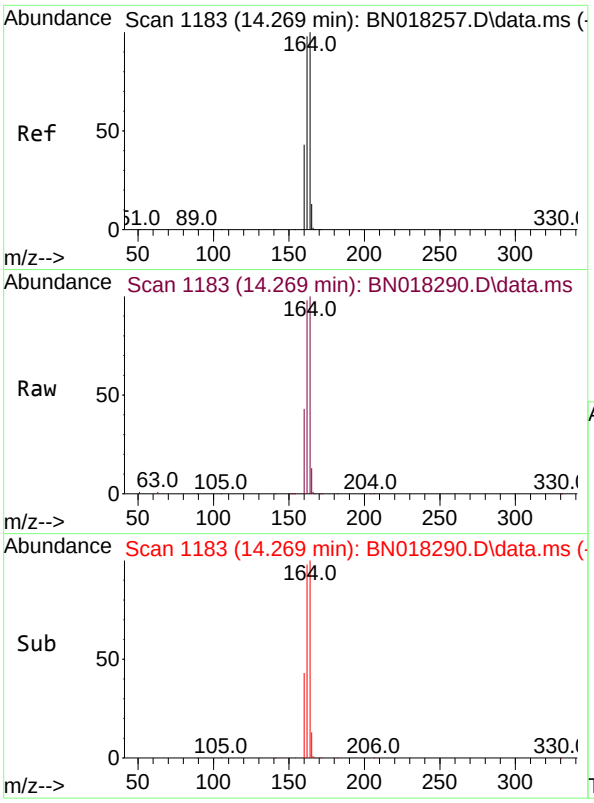


#12
2-Methylnaphthalene
Concen: 0.410 ng
RT: 12.083 min Scan# 949
Delta R.T. -0.004 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Tgt Ion:142 Resp: 80178

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.0	105.0
115	34.1	27.8	41.8



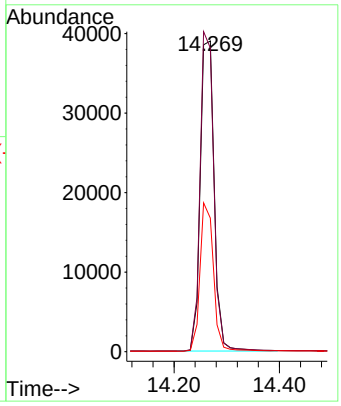


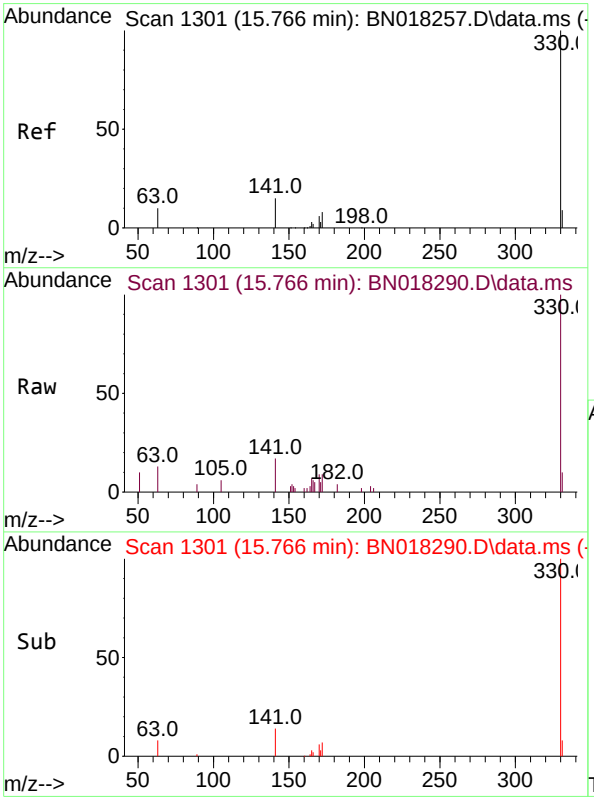
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 71827

Ion	Ratio	Lower	Upper
164	100		
162	97.7	80.2	120.2
160	43.0	36.9	55.3

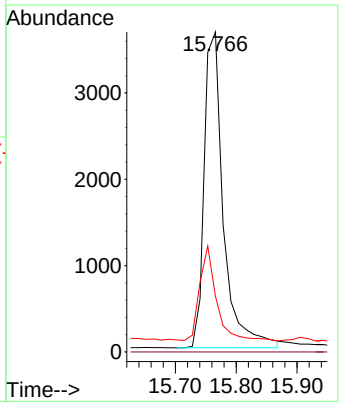


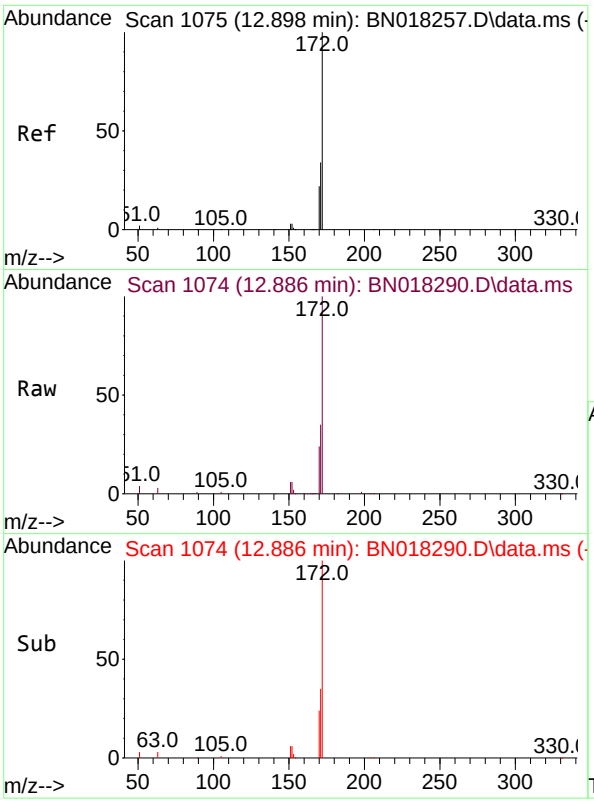


#14
2,4,6-Tribromophenol
Concen: 0.514 ng
RT: 15.766 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Tgt Ion:330 Resp: 8054

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	26.5	21.3	31.9



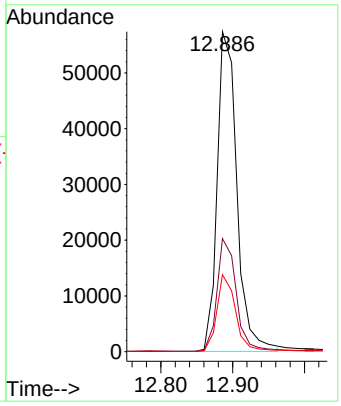


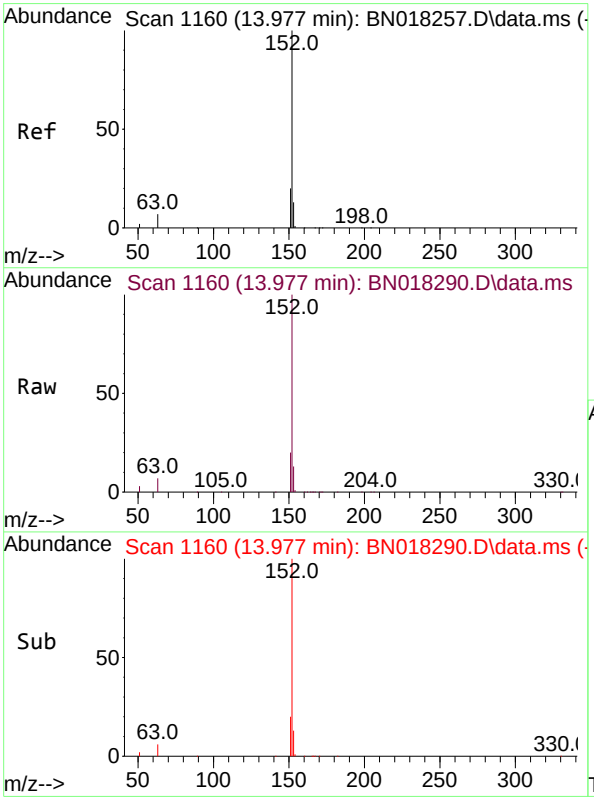
#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 12.886 min Scan# 1(
Delta R.T. -0.013 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 109179

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.4	41.0
170	24.1	18.4	27.6

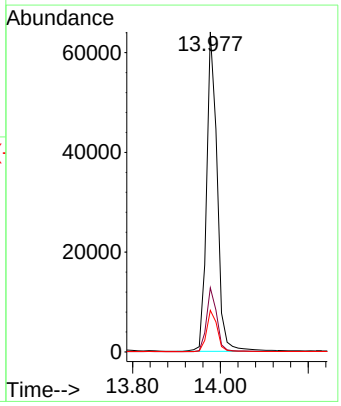


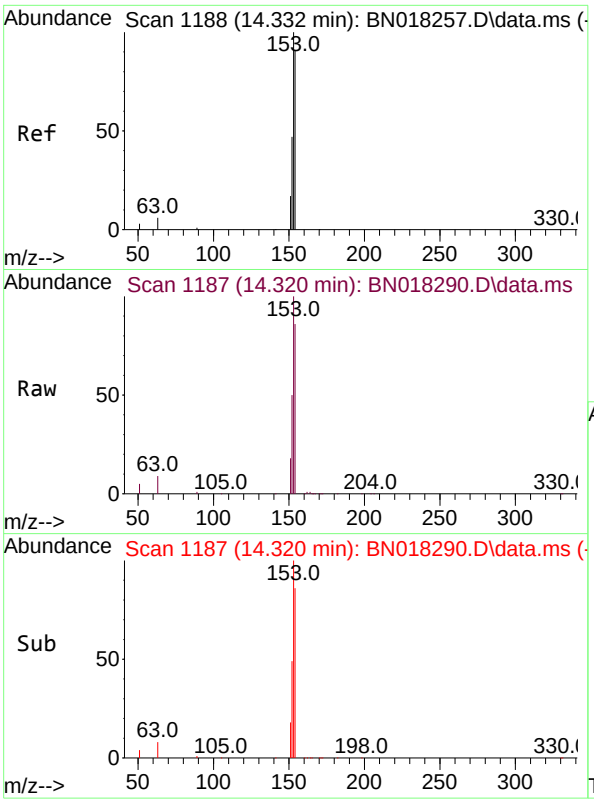


#16
Acenaphthylene
Concen: 0.424 ng
RT: 13.977 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Tgt Ion:152 Resp: 107106

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.2	10.5	15.7



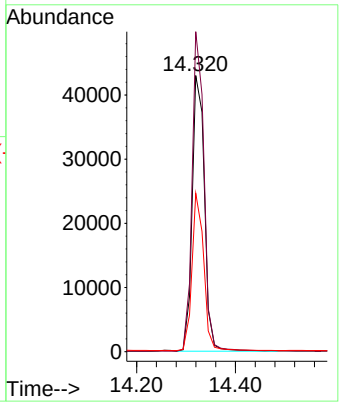


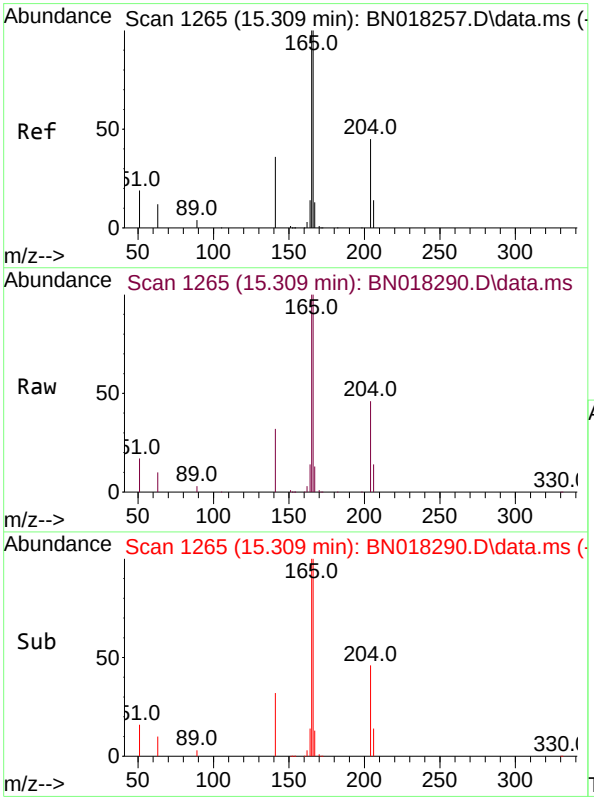
#17
Acenaphthene
Concen: 0.400 ng
RT: 14.320 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 74263

Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.9	136.3
152	54.6	45.0	67.4

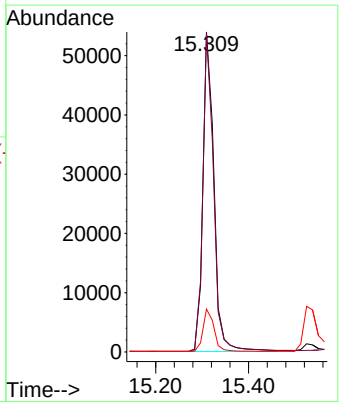


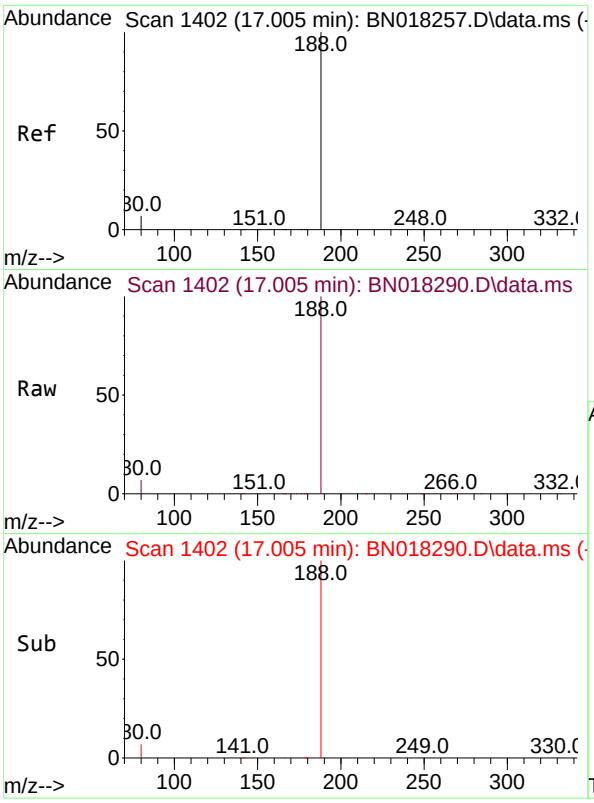


#18
Fluorene
Concen: 0.408 ng
RT: 15.309 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Tgt Ion:166 Resp: 89228

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.8	116.6
167	13.5	10.9	16.3



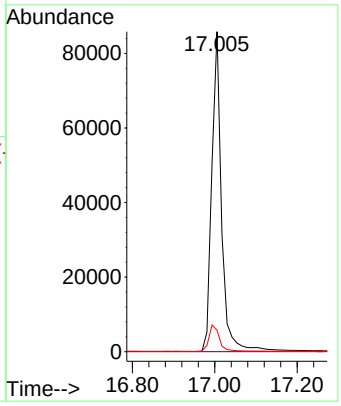


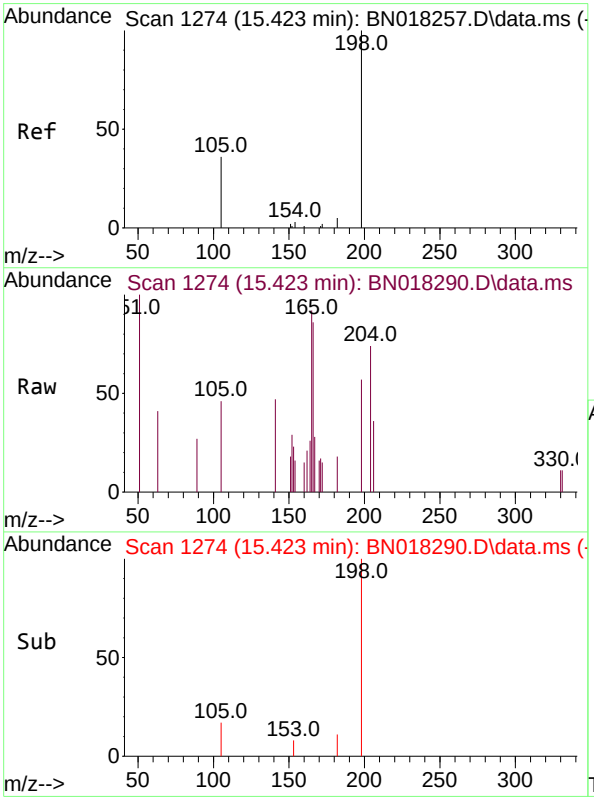
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 141213

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.7	7.0	10.4#

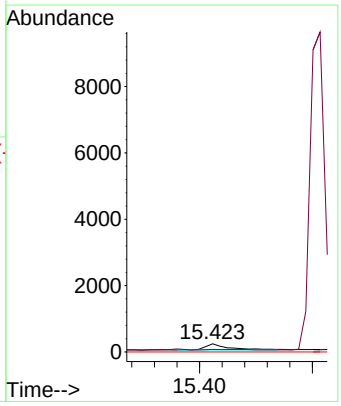


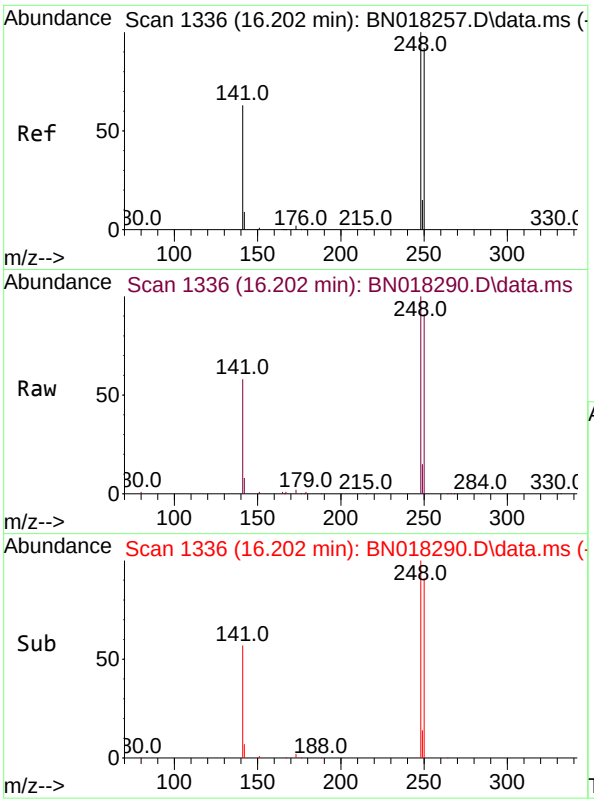


#20
4,6-Dinitro-2-methylphenol
Concen: 0.387 ng
RT: 15.423 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Tgt Ion:198 Resp: 544

Ion	Ratio	Lower	Upper
198	100		
182	32.7	15.5	23.3#
77	0.0	0.0	0.0



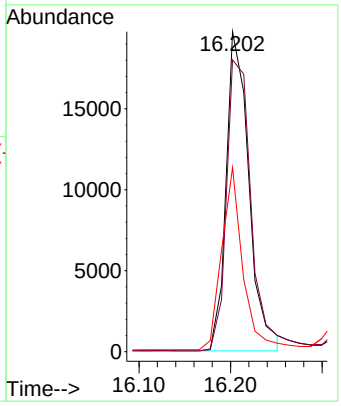


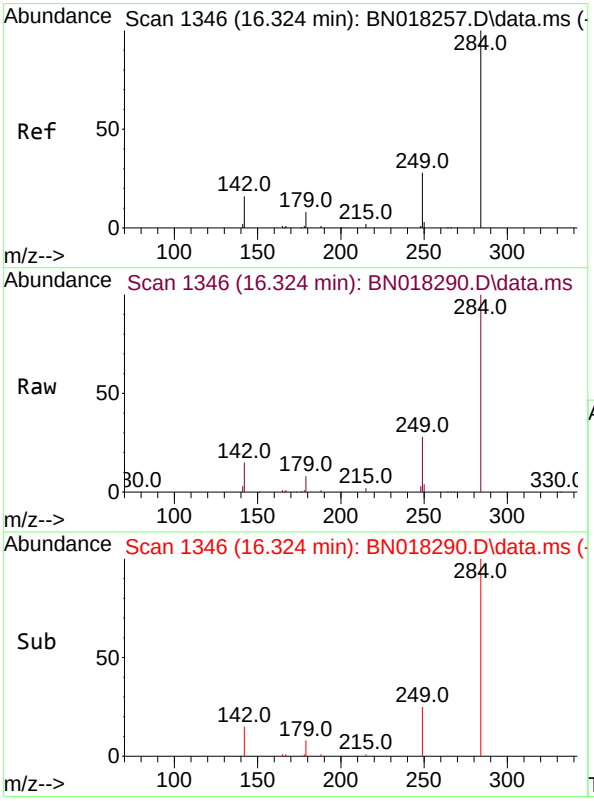
#21
4-Bromophenyl-phenylether
Concen: 0.397 ng
RT: 16.202 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 34070

Ion	Ratio	Lower	Upper
248	100		
250	91.2	74.4	111.6
141	57.5	43.7	65.5

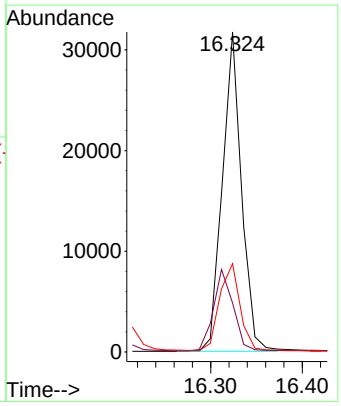


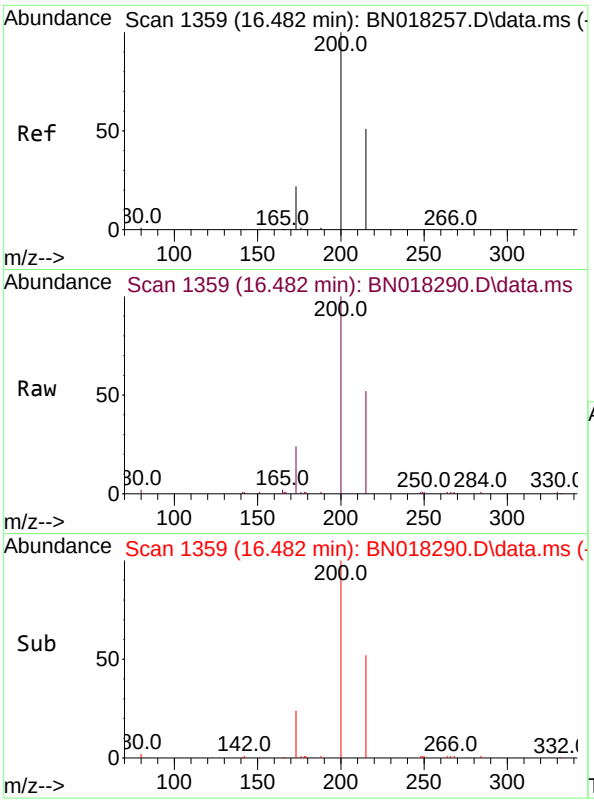


#22
Hexachlorobenzene
Concen: 0.421 ng
RT: 16.324 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Tgt Ion:284 Resp: 46024

Ion	Ratio	Lower	Upper
284	100		
142	26.1	21.6	32.4
249	28.8	23.5	35.3



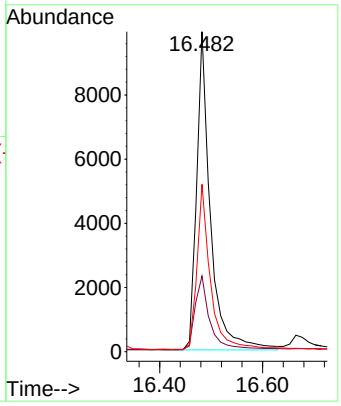


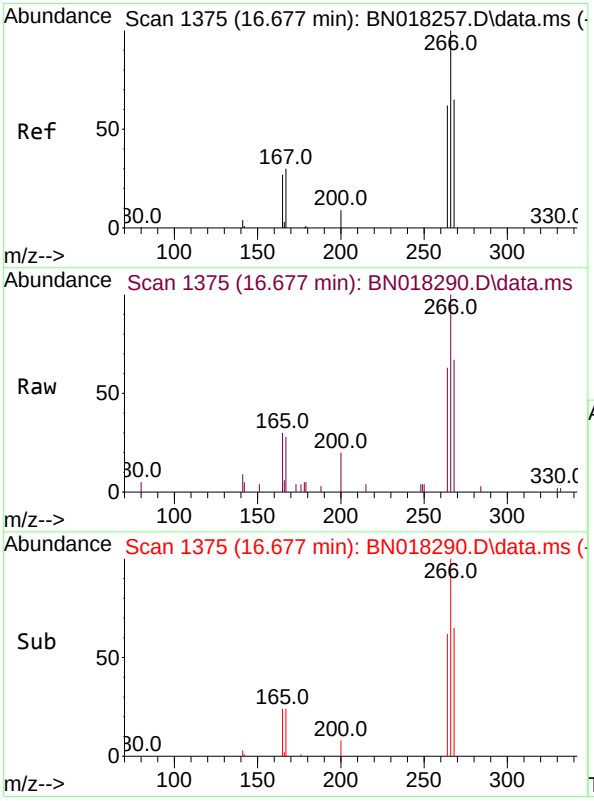
#23
Atrazine
Concen: 0.394 ng
RT: 16.482 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 18450

Ion	Ratio	Lower	Upper
200	100		
173	23.6	20.3	30.5
215	52.3	40.4	60.6

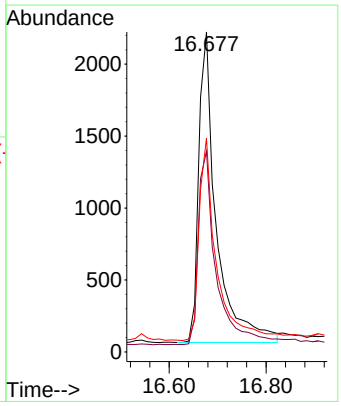


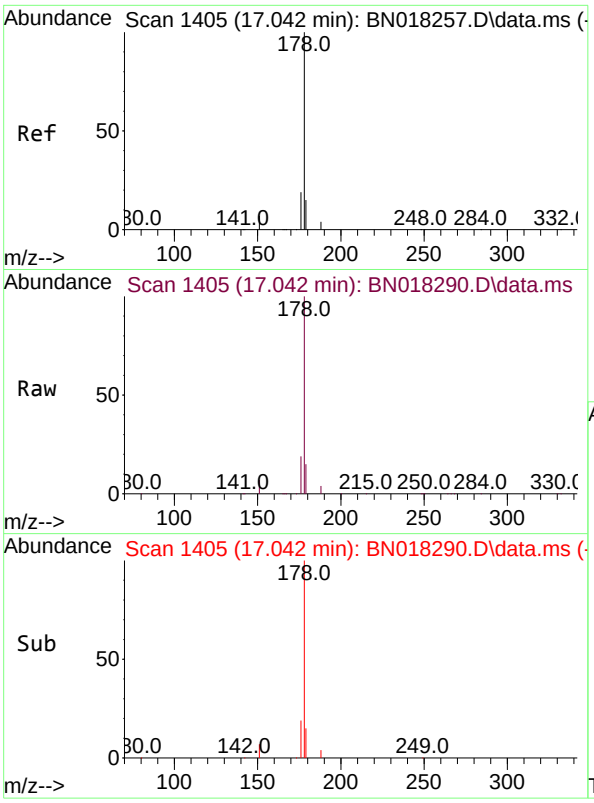


#24
Pentachlorophenol
Concen: 0.561 ng
RT: 16.677 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Tgt Ion:266 Resp: 5446

Ion	Ratio	Lower	Upper
266	100		
264	62.7	49.5	74.3
268	63.5	50.6	76.0



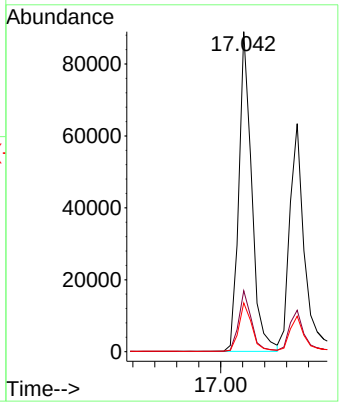


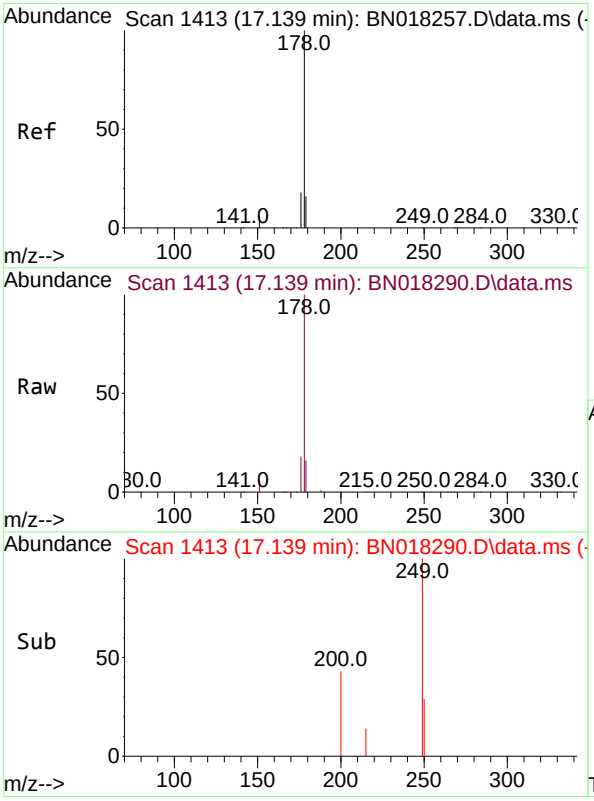
#25
Phenanthrene
Concen: 0.387 ng
RT: 17.042 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 144093

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.4	12.3	18.5

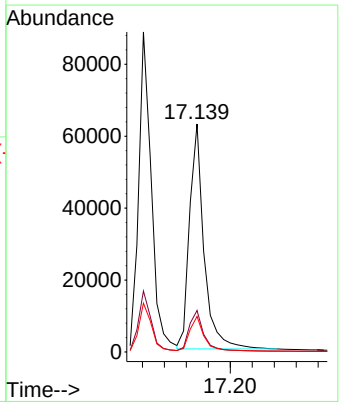


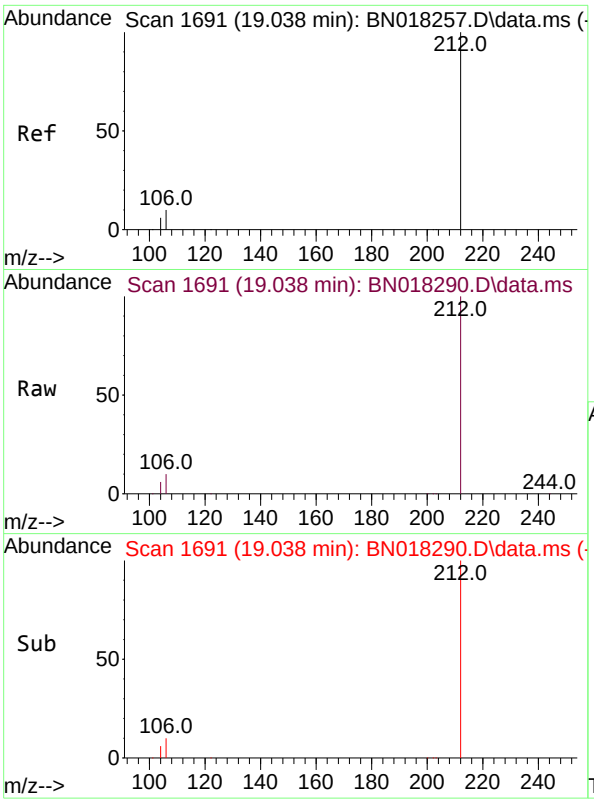


#26
Anthracene
Concen: 0.376 ng
RT: 17.139 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Tgt Ion:178 Resp: 114602

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	15.4	12.2	18.4



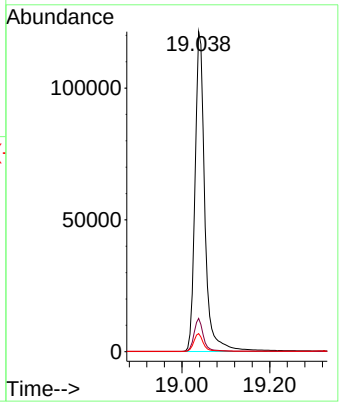


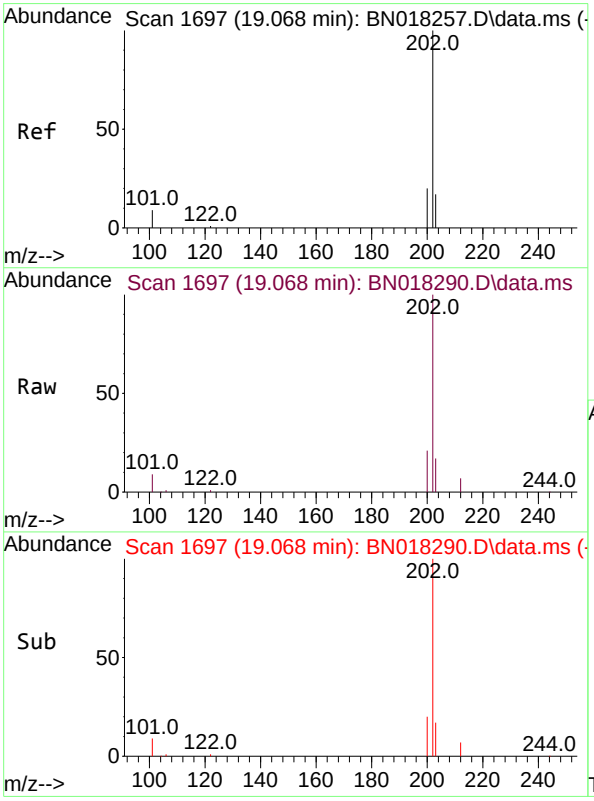
#27
Fluoranthene-d10
Concen: 0.420 ng
RT: 19.038 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 188838

Ion	Ratio	Lower	Upper
212	100		
106	10.0	8.4	12.6
104	5.5	4.5	6.7

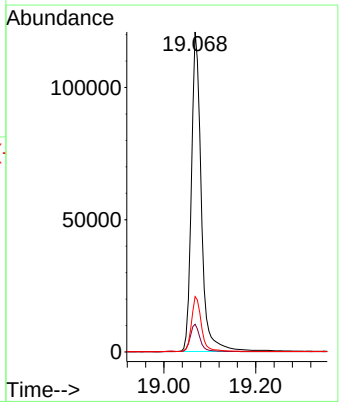


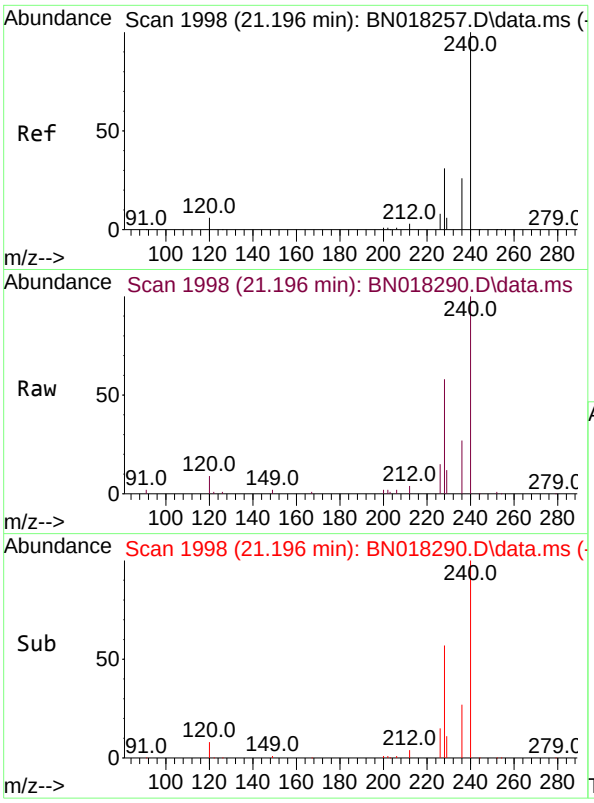


#28
Fluoranthene
Concen: 0.417 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Tgt Ion:202 Resp: 181997

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.2	10.8
203	17.1	13.7	20.5



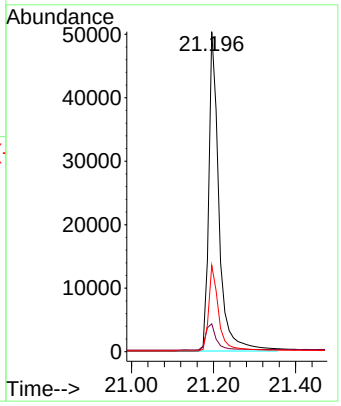


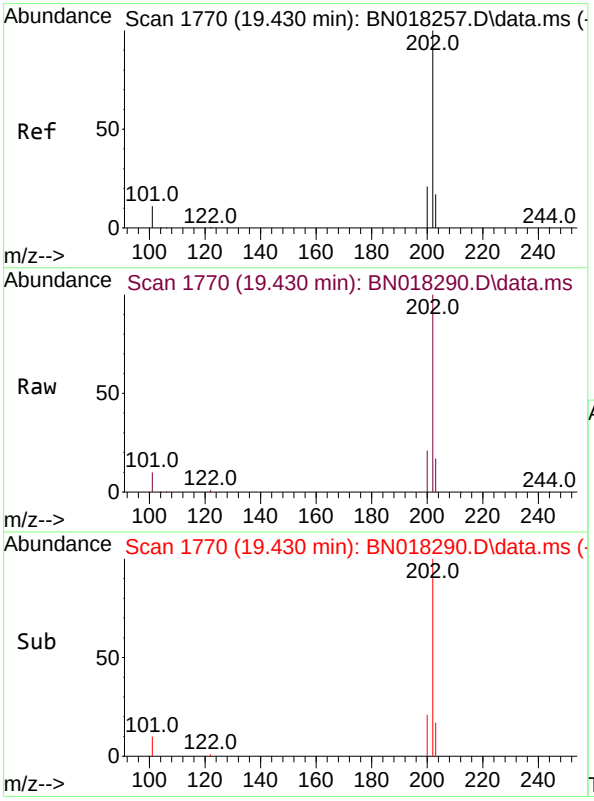
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.196 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 86927

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.0	9.0
236	27.0	21.4	32.2

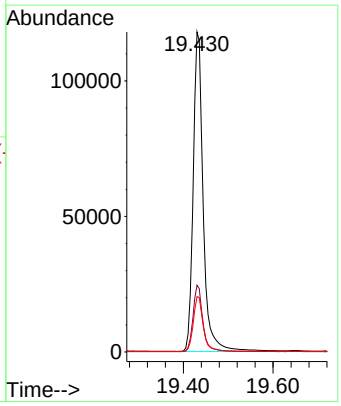


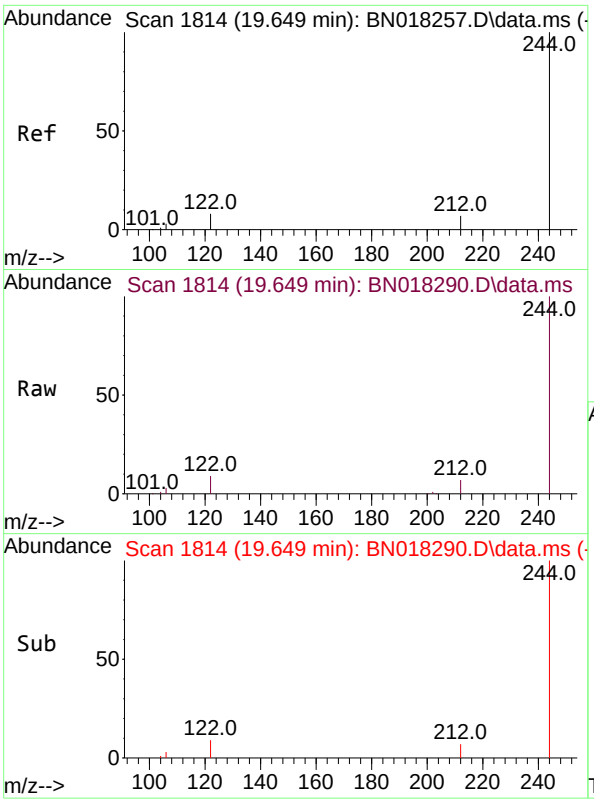


#30
Pyrene
Concen: 0.539 ng
RT: 19.430 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Tgt Ion:202 Resp: 183770

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	17.4	14.1	21.1



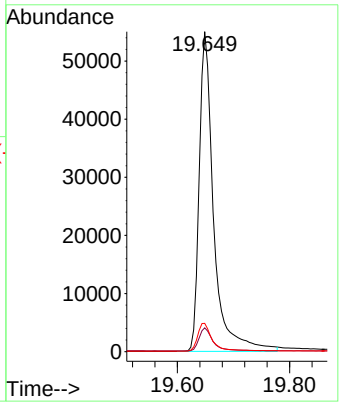


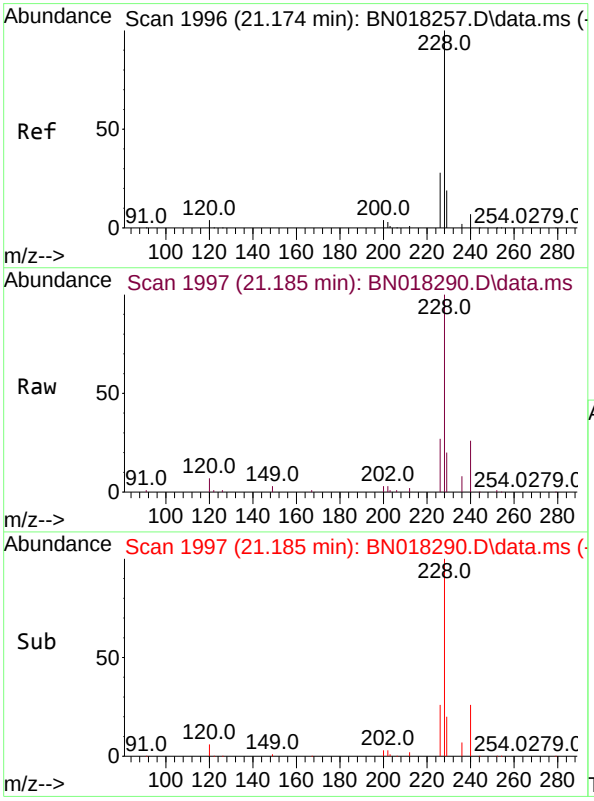
#31
Terphenyl-d14
Concen: 0.445 ng
RT: 19.649 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 98309

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	8.8	7.9	11.9

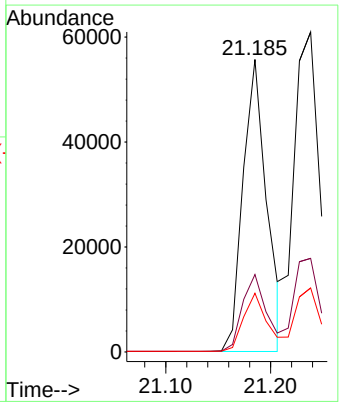


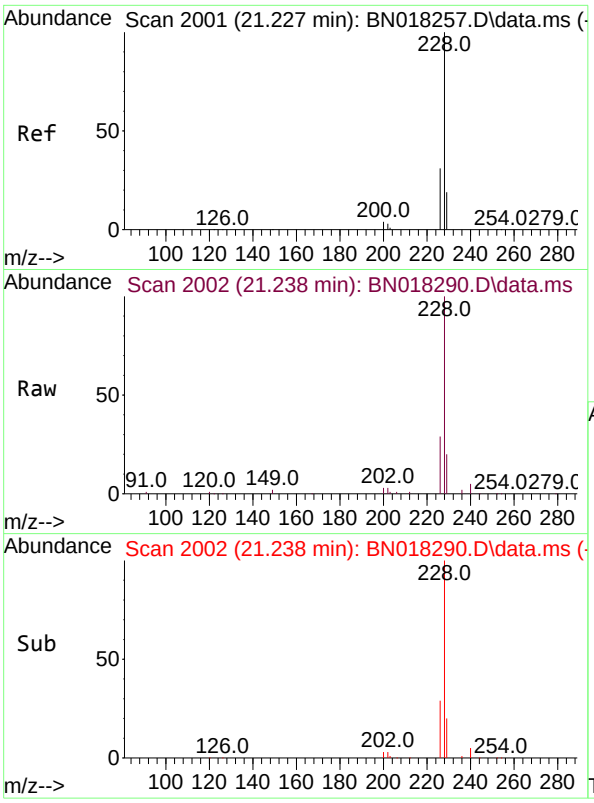


#32
Benzo(a)anthracene
Concen: 0.368 ng
RT: 21.185 min Scan# 1997
Delta R.T. 0.011 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Tgt Ion:228 Resp: 87473

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.3	31.9
229	20.1	15.9	23.9



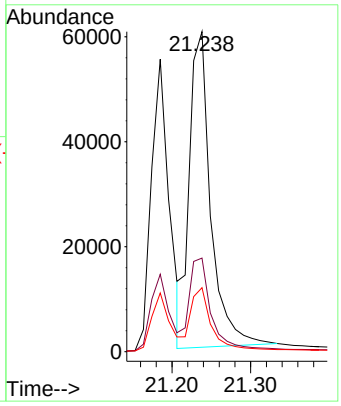


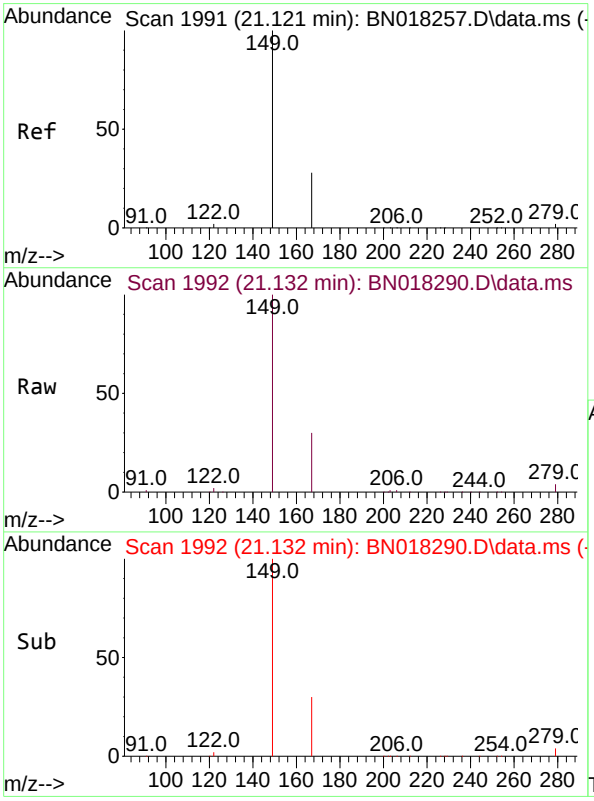
#33
Chrysene
Concen: 0.404 ng
RT: 21.238 min Scan# 2
Delta R.T. 0.011 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 113196

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.2	36.4
229	20.0	15.5	23.3

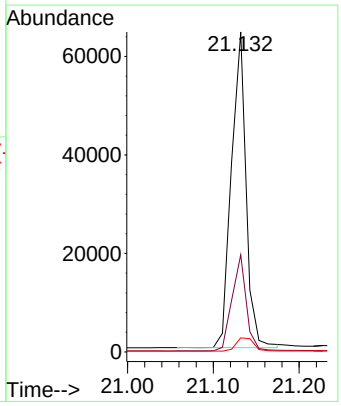


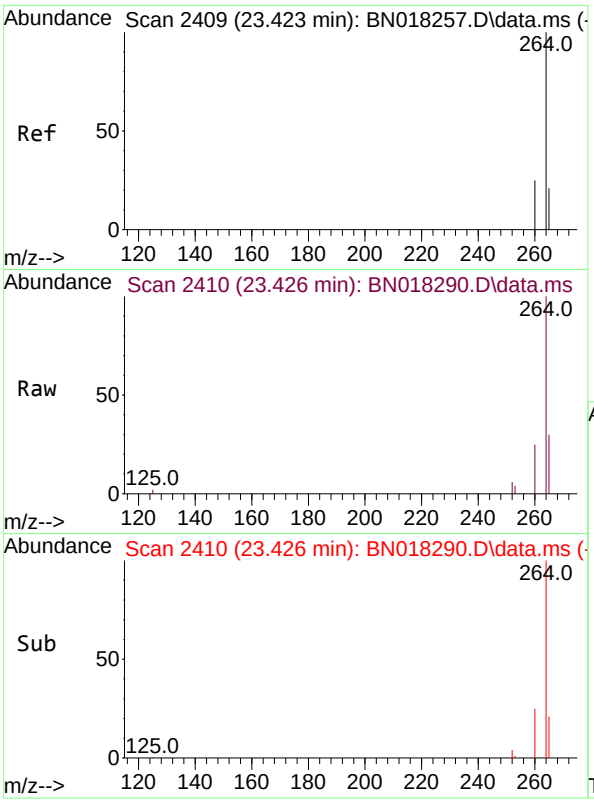


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.701 ng
RT: 21.132 min Scan# 1992
Delta R.T. 0.011 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Tgt Ion:149 Resp: 76013

Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.7	35.5
279	5.1	3.6	5.4



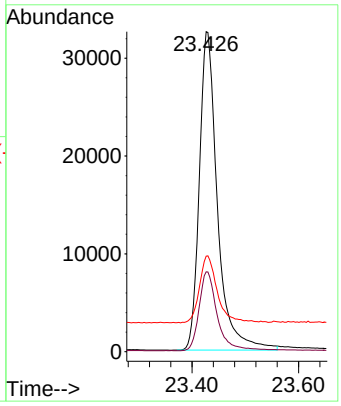


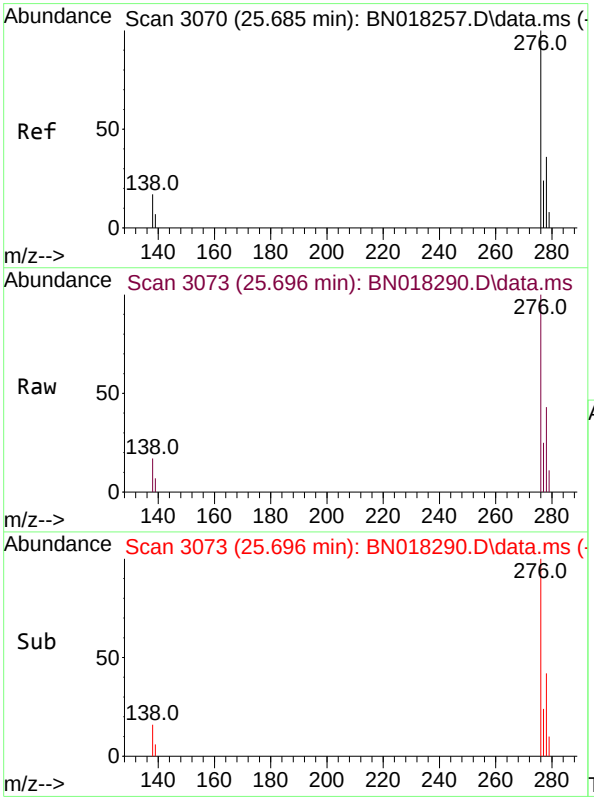
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.426 min Scan# 24
Delta R.T. 0.003 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 76877

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.2	30.4
265	29.9	18.2	27.2#

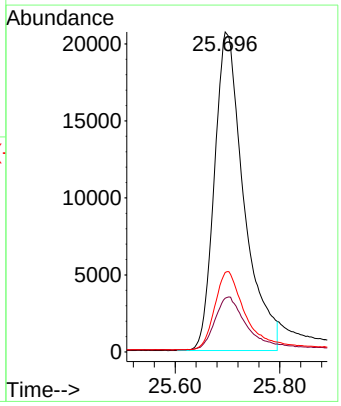


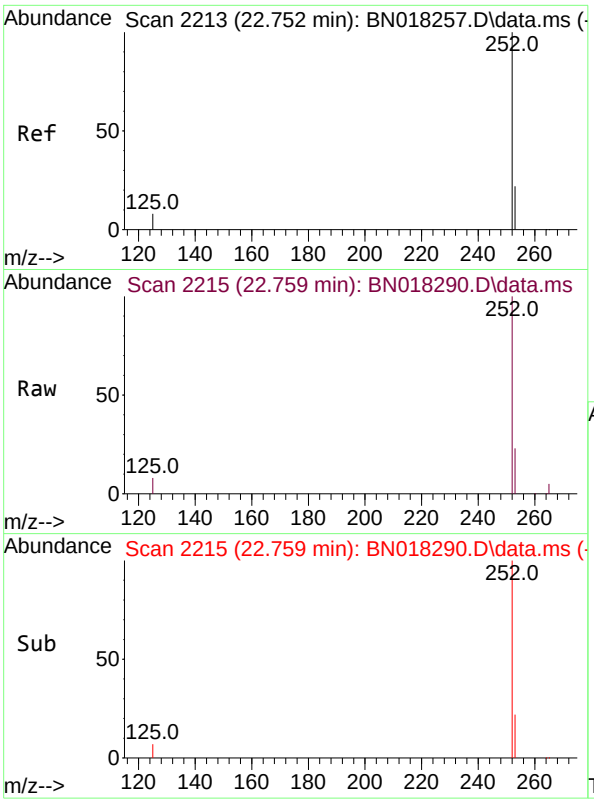


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.441 ng
RT: 25.696 min Scan# 3073
Delta R.T. 0.010 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Tgt Ion:276 Resp: 80878

Ion	Ratio	Lower	Upper
276	100		
138	17.4	14.9	22.3
277	24.9	19.9	29.9



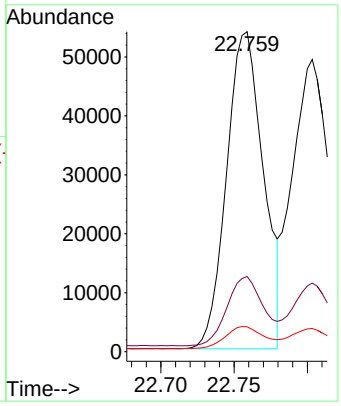


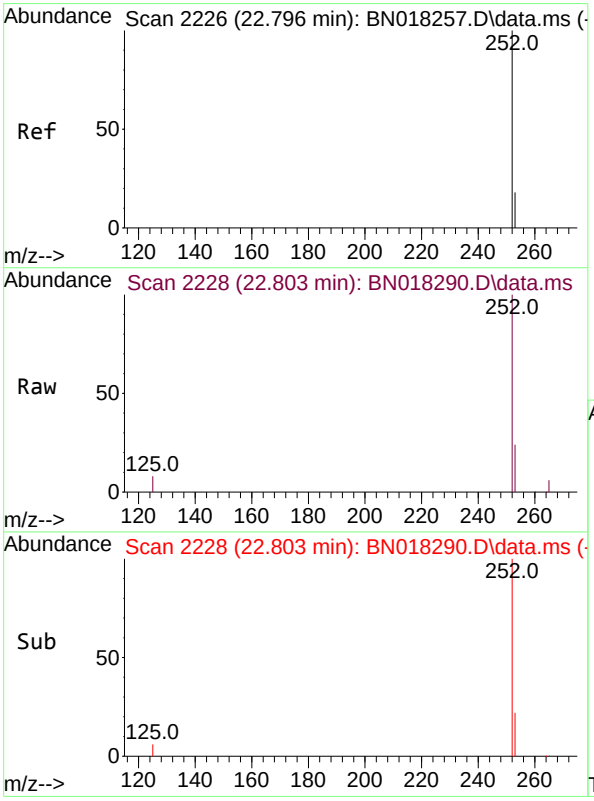
#37
Benzo(b)fluoranthene
Concen: 0.386 ng
RT: 22.759 min Scan# 2
Delta R.T. 0.007 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 94219

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	7.8	6.0	9.0

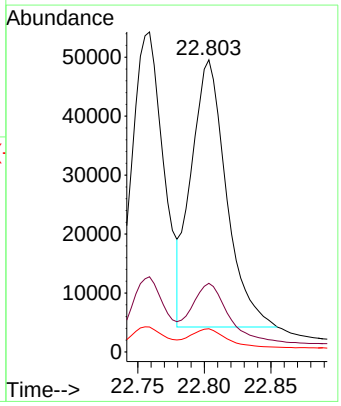


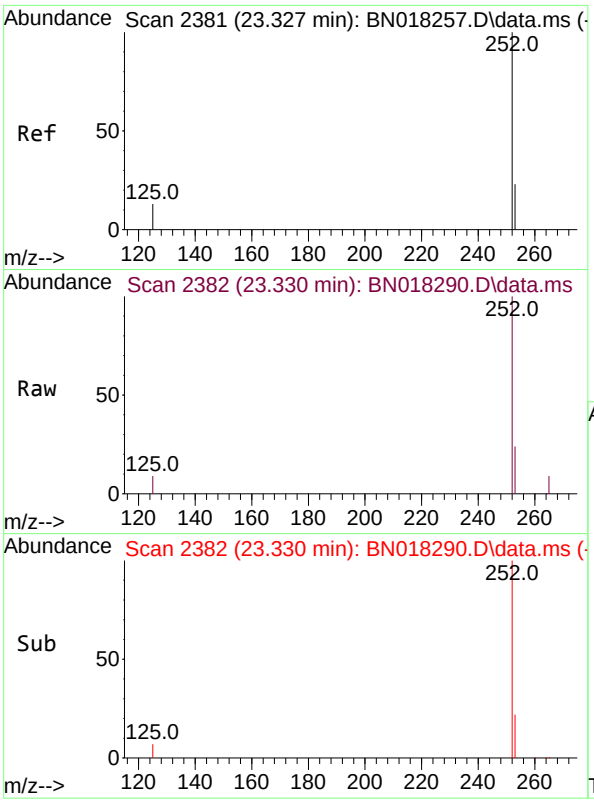


#38
Benzo(k)fluoranthene
Concen: 0.360 ng
RT: 22.803 min Scan# 2228
Delta R.T. 0.007 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Tgt Ion:252 Resp: 83311

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	7.9	6.2	9.2



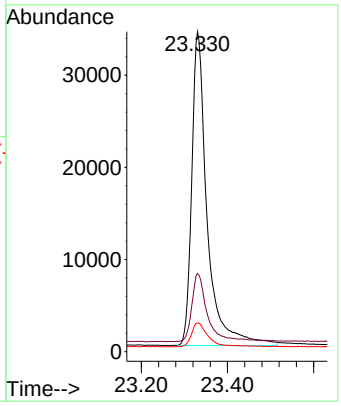


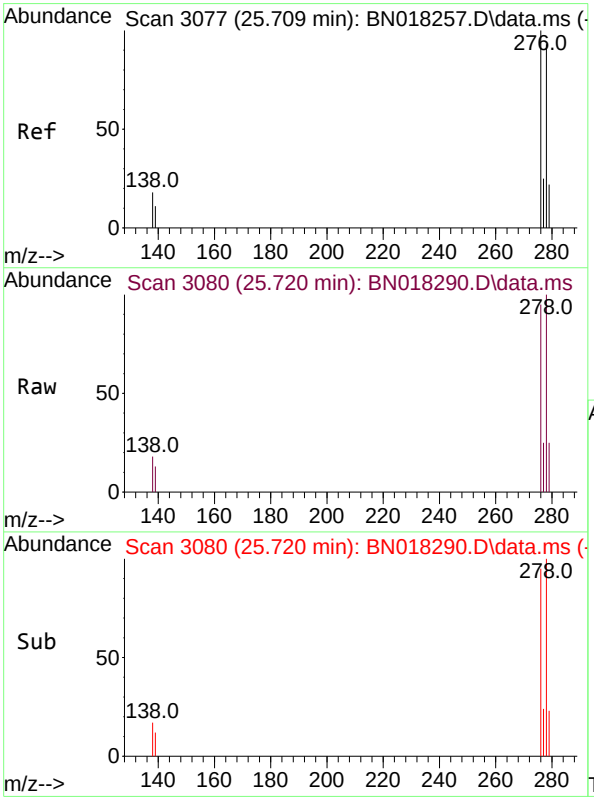
#39
Benzo(a)pyrene
Concen: 0.399 ng
RT: 23.330 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 84701

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.6
125	9.0	7.0	10.4

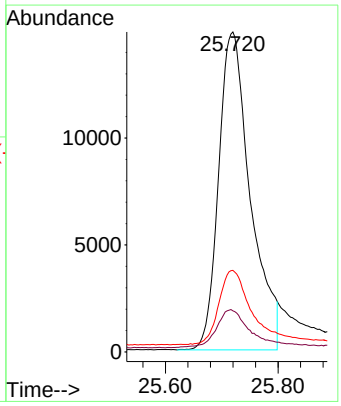


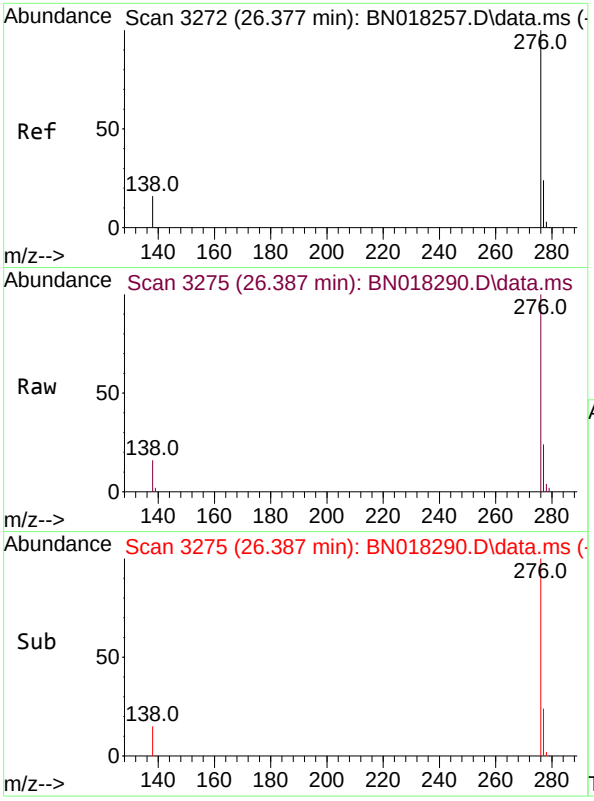


#40
Dibenzo(a,h)anthracene
Concen: 0.445 ng
RT: 25.720 min Scan# 3080
Delta R.T. 0.010 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Tgt Ion:278 Resp: 58193

Ion	Ratio	Lower	Upper
278	100		
139	12.9	10.8	16.2
279	25.5	19.0	28.4





#41
Benzo(g,h,i)perylene
Concen: 0.442 ng
RT: 26.387 min Scan# 3
Delta R.T. 0.010 min
Lab File: BN018290.D
Acq: 30 Dec 2021 11:19

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 80960

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.6
138	16.1	12.6	19.0